



#4

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:  
EDWARD J. A. POPE and  
KENNETH M. KRATSCH  
For: APPLICATION OF PHOTOCURABLE  
PRE-CERAMIC POLYMERS  
Serial No. 09/782,945  
Filed: February 13, 2001

PRELIMINARY AMENDMENT

The applicants hereby preliminarily amends their  
amendment as follows:

In the specification:

Insert the following paragraph between lines 12 and 13  
of page 108:

85' --A process for synthesizing photocurable poly  
(ethynyl)carbosilane includes the steps of mixing  
dichloromethylsilane and trichlorophenylsilane reagents in  
the presence of methylene bromide, adding sub-  
stoichiometric amounts of sodium metal and adding excess  
sodium acetylide.--

--A process for synthesizing photocurable poly-  
(ethynyl)carbosilane includes the steps of mixing  
dichloromethylsilane and trichlorophenyl-silane reagents in  
the presence of methylene bromide, adding sub-  
stoichiometric amounts of molten sodium metal under flowing  
argon gas; and adding excess sodium acetylide dissolved in  
dimethyl formamide.--

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JUL 15 2002  
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